

FIG. 4

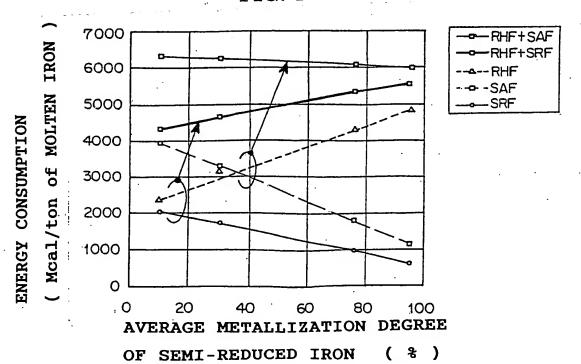


FIG. 2

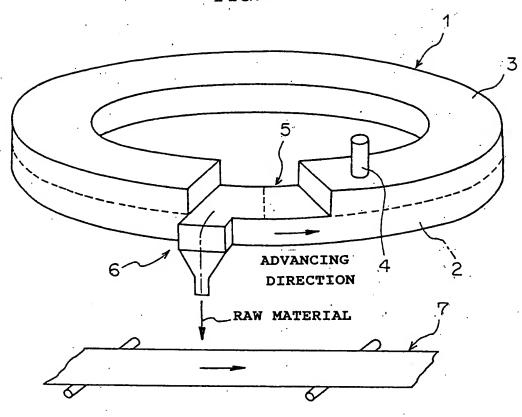


FIG. 3

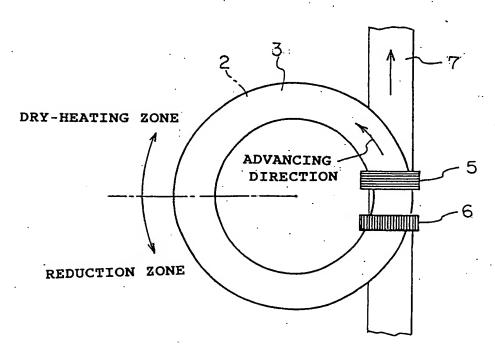
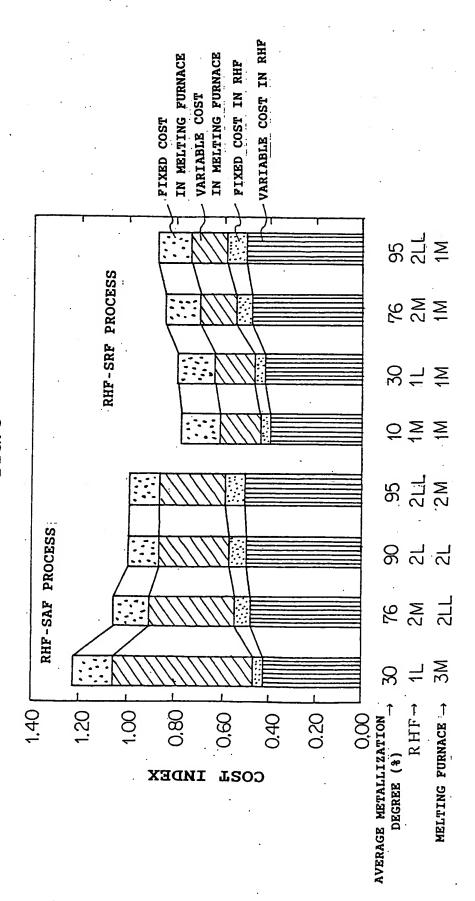
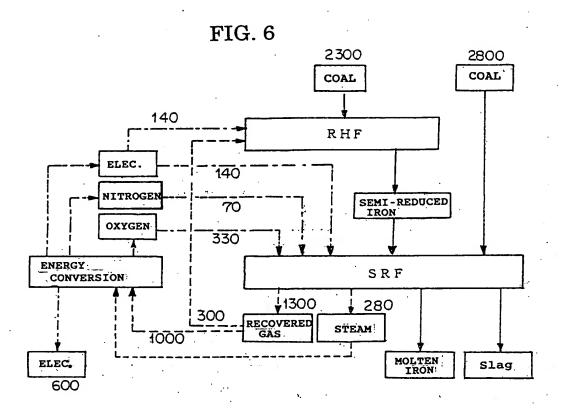


FIG. 5

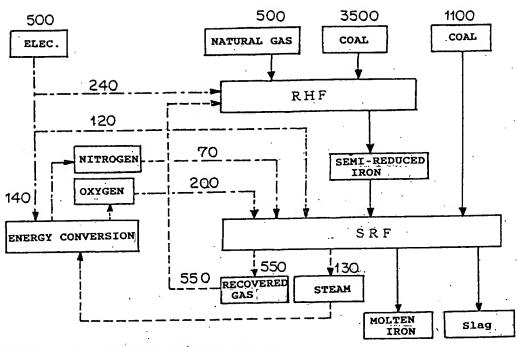




AVERAGE METALLIZATION DEGREE: 30 %

UNIT: Mcal / ton of MOLTEN IRON

FIG. 7



AVERAGE METALLIZATION DEGREE: 90 %

UNIT: Mcal / ton of MOLTEN IRON

FIG. 8

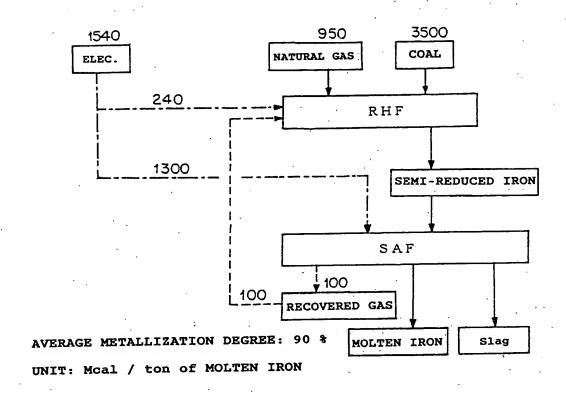


FIG. 9

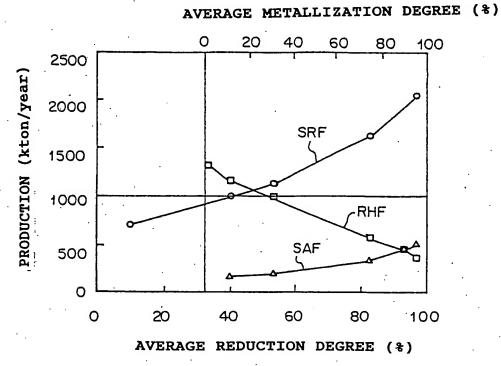


FIG. 10

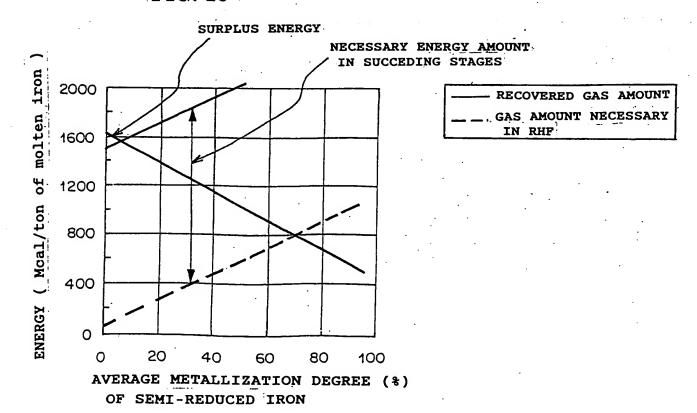
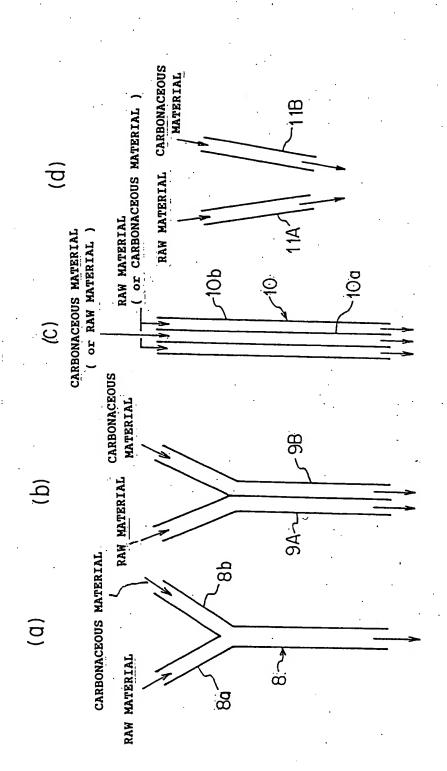
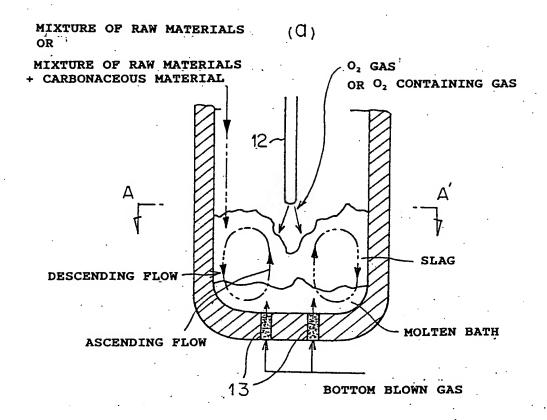
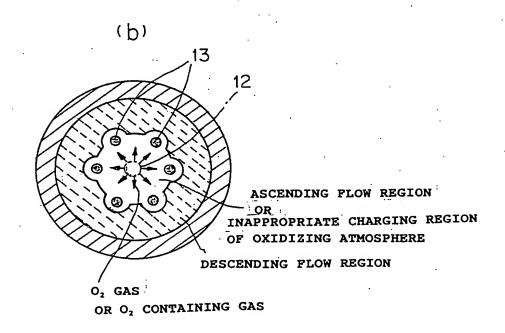
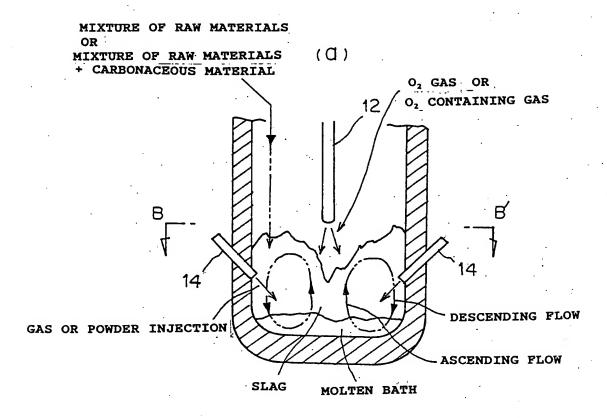


FIG 19

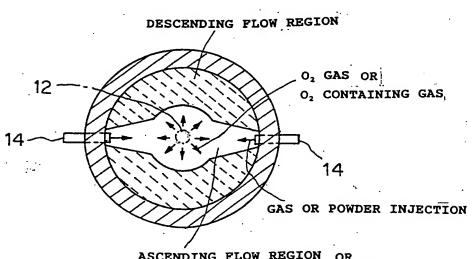




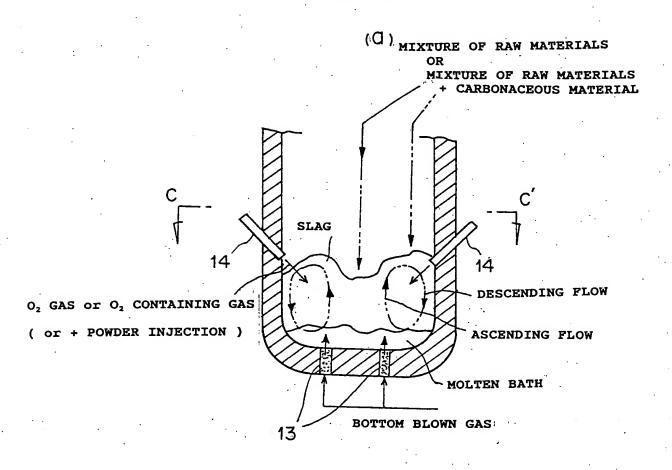


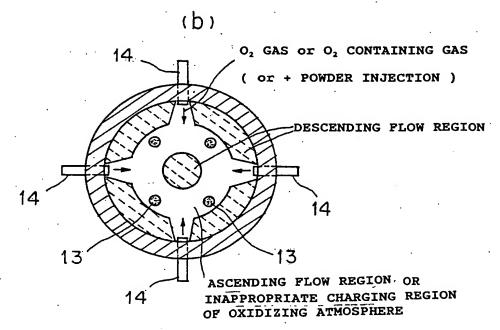


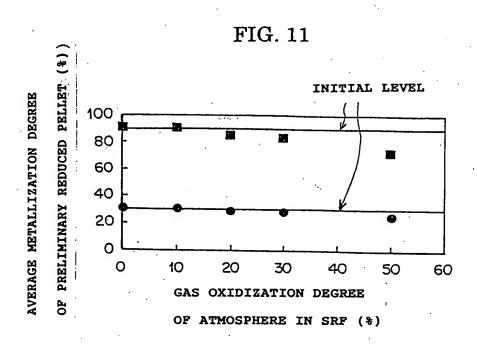
(b)



ASCENDING FLOW REGION OR INAPPROPRIATE CHARGING REGION OF OXIDIZING ATMOSPHERE







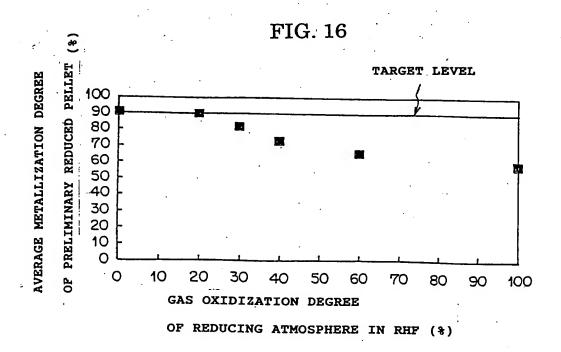


FIG. 17

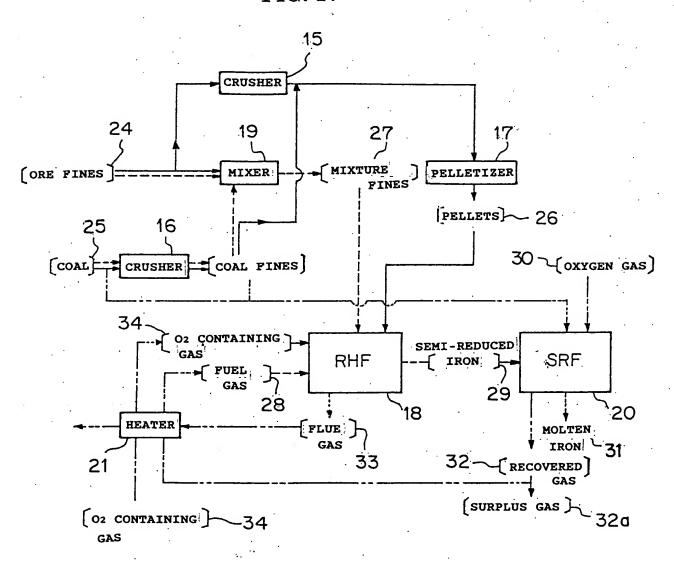


FIG. 18

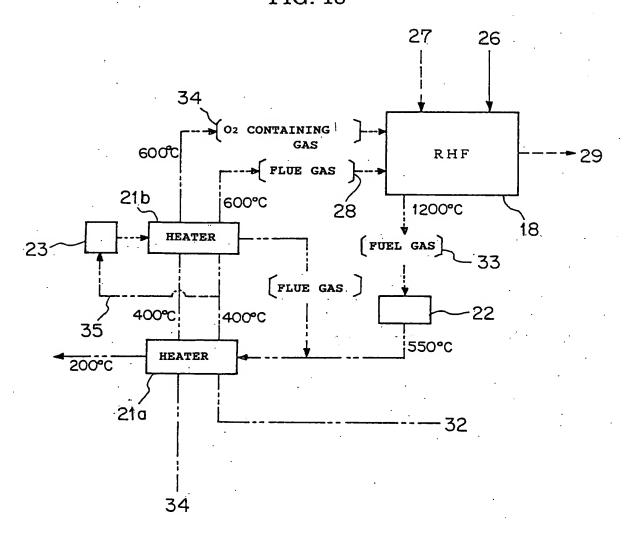
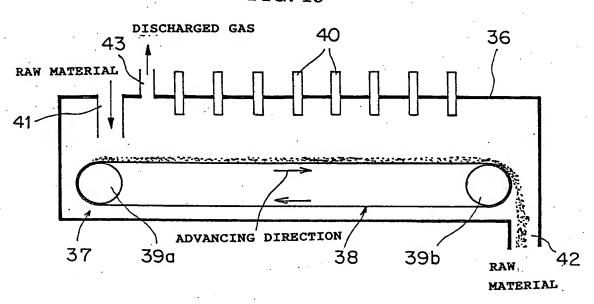


FIG. 19



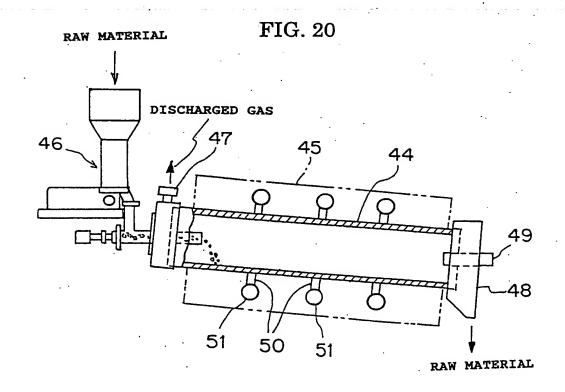
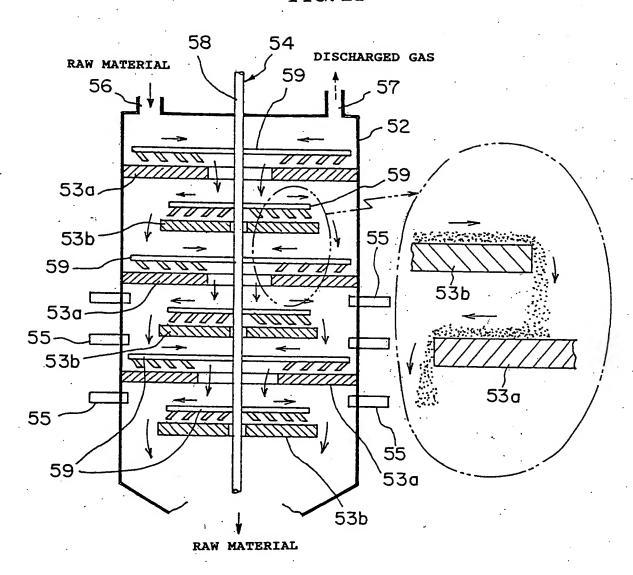


FIG. 21





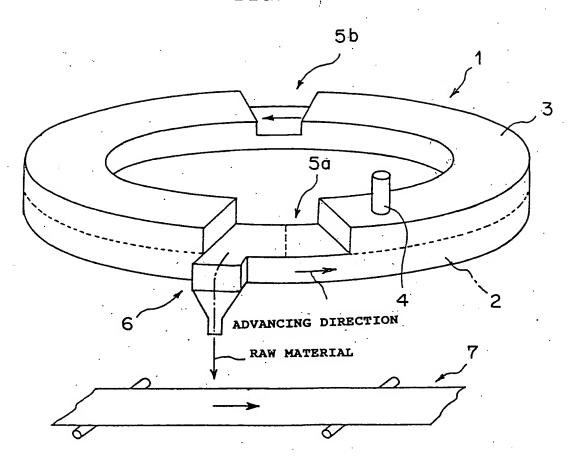


FIG. 23

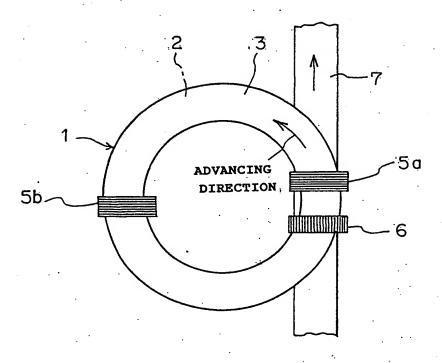


FIG. 24

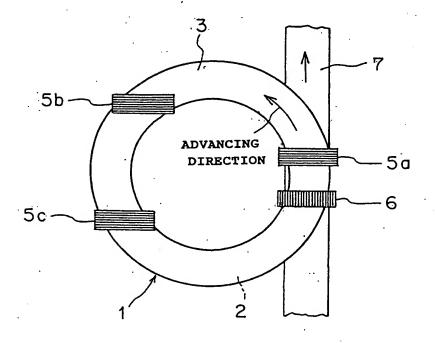


FIG. 25

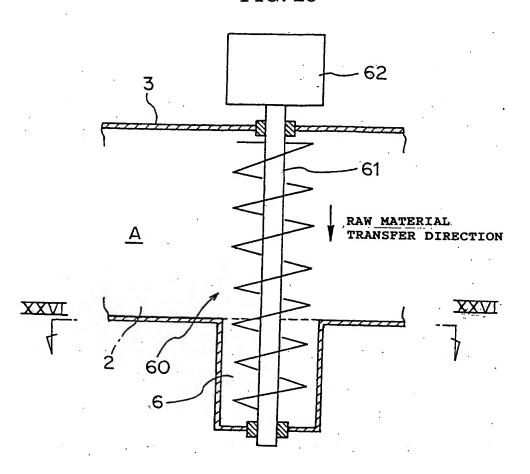


FIG. 26

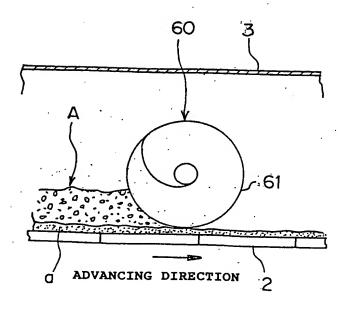


FIG. 27

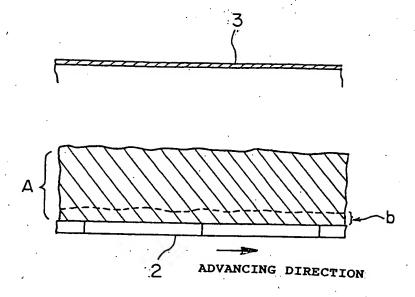


FIG. 28
3
A

ADVANCING DIRECTION

FIG. 29

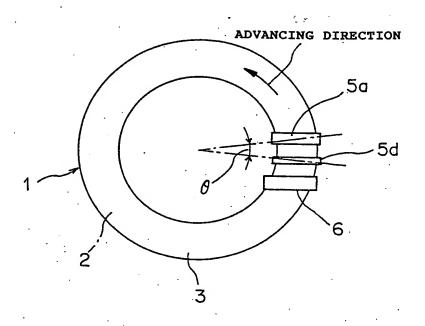


FIG. 30

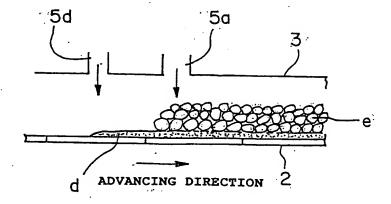


FIG. 31

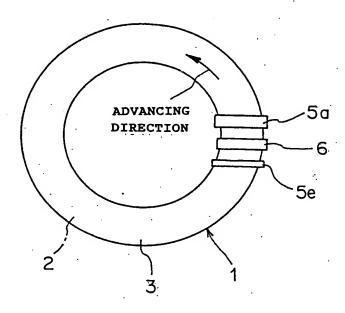
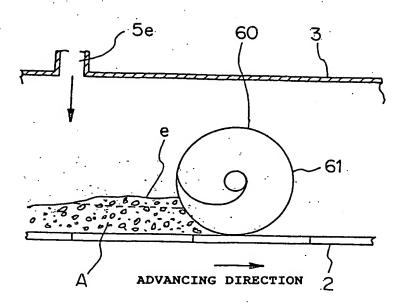


FIG. 32



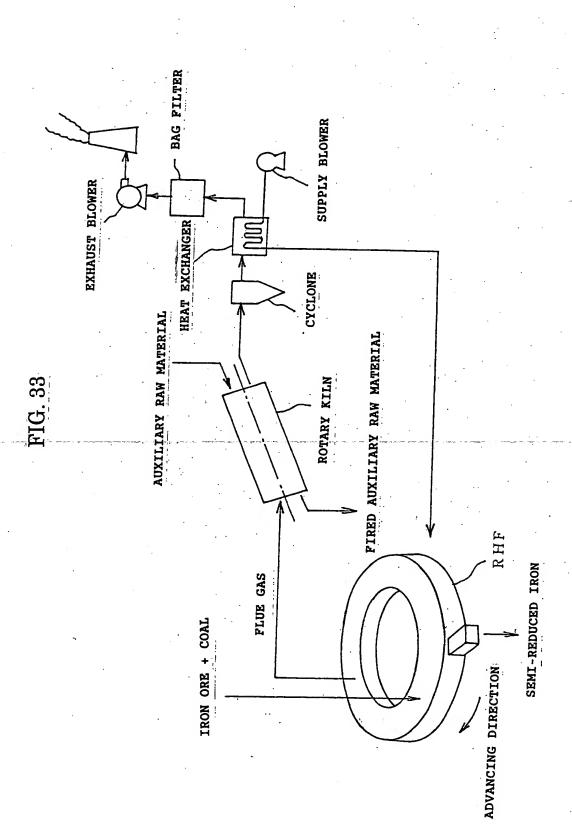


FIG. 34

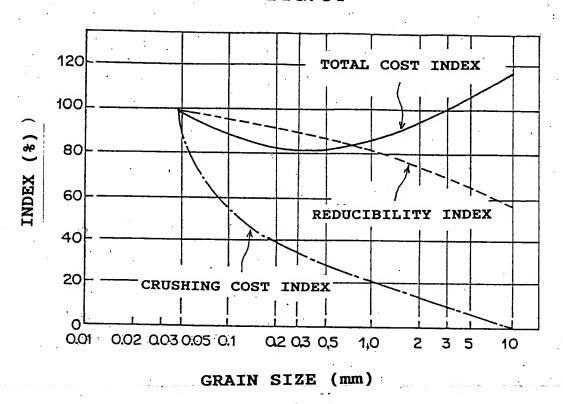
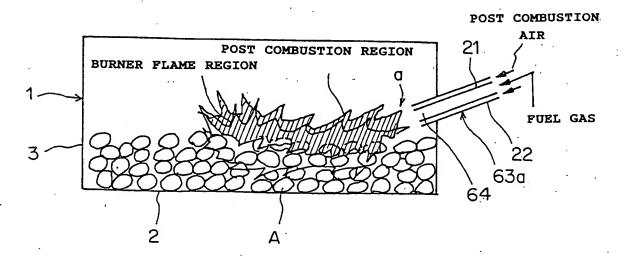
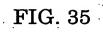


FIG. 37





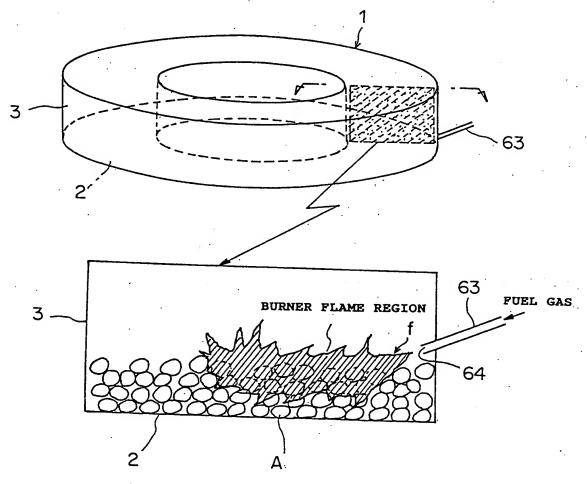


FIG. 36

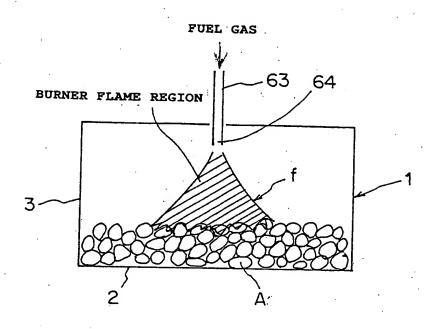


FIG. 38

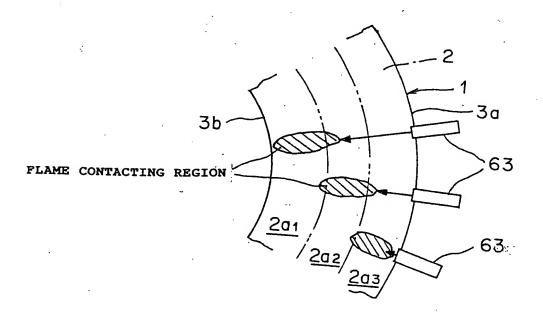


FIG. 39

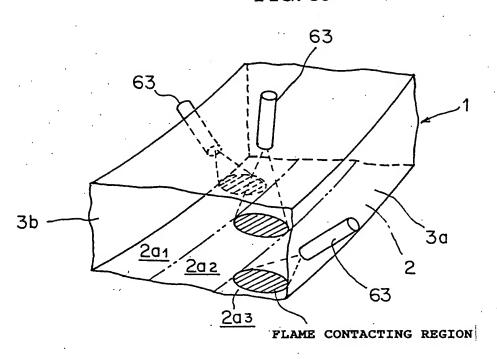


FIG. 44

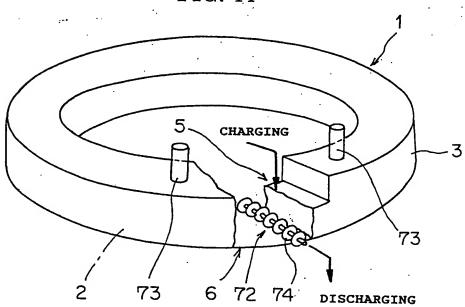


FIG. 40

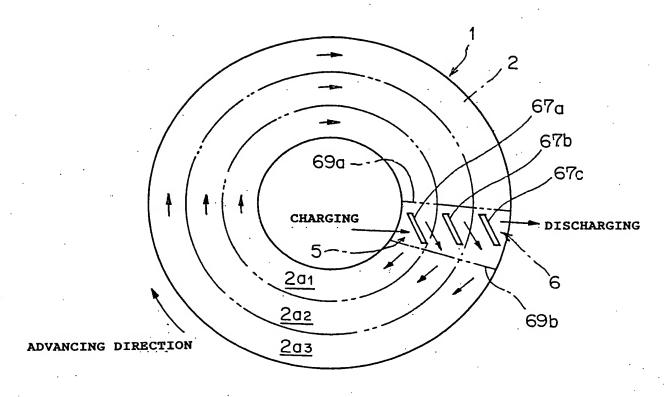


FIG. 41

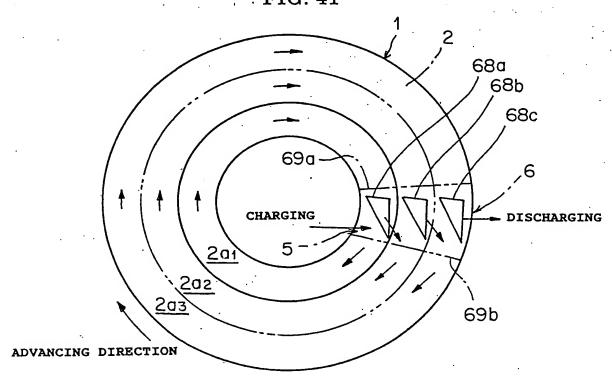


FIG. 42

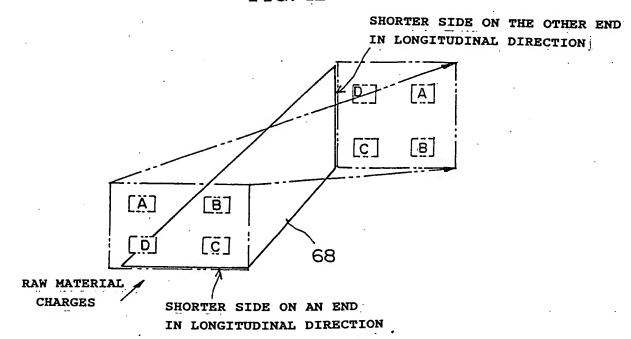
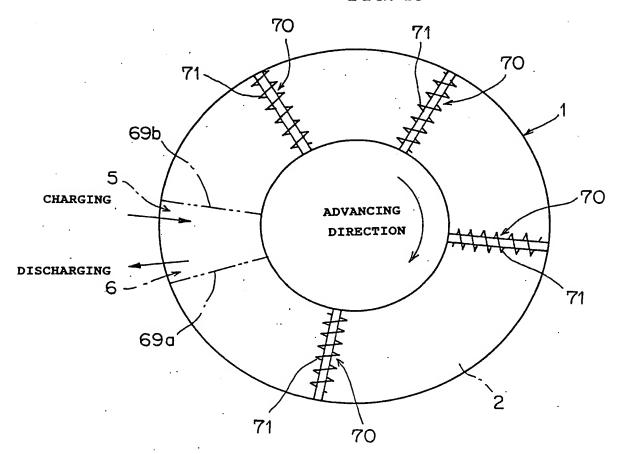


FIG. 43



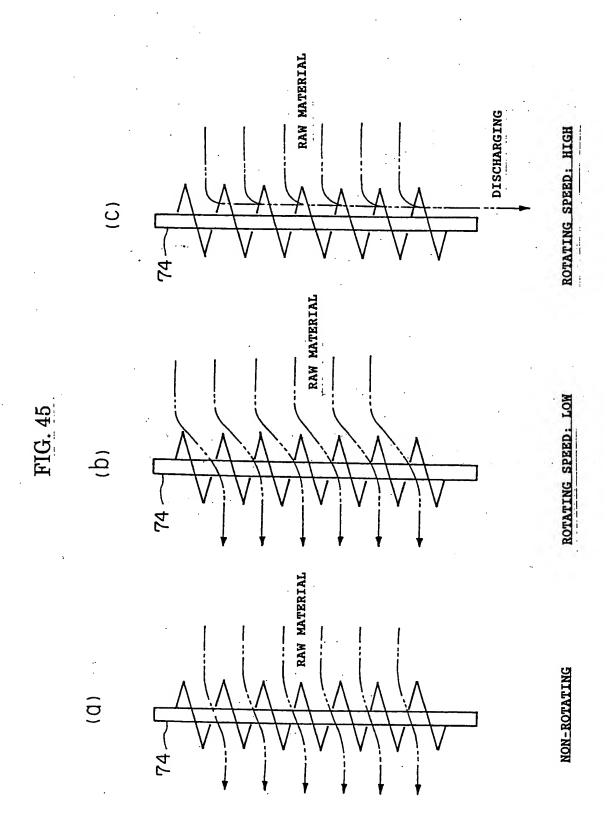


FIG. 46

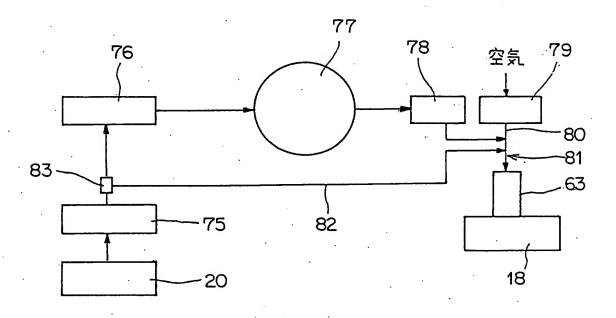


FIG. 48

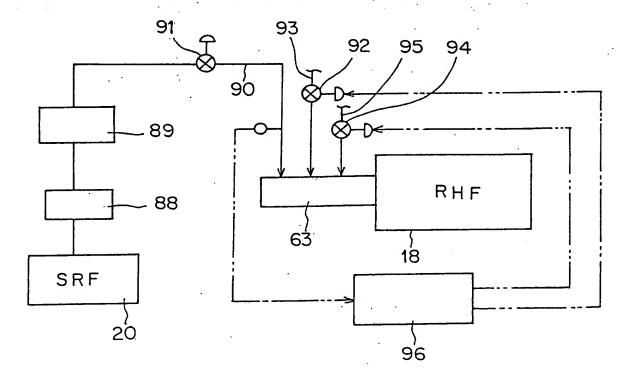


FIG. 47

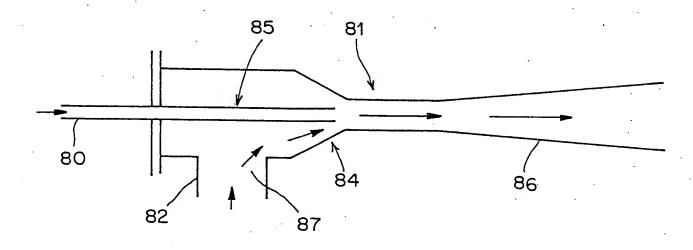
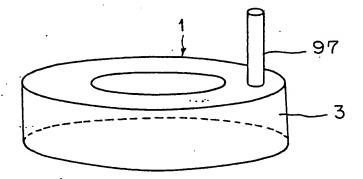


FIG. 54



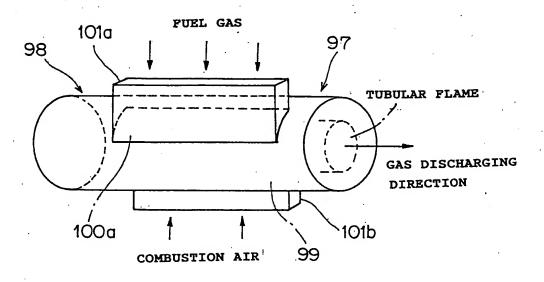


FIG. 50

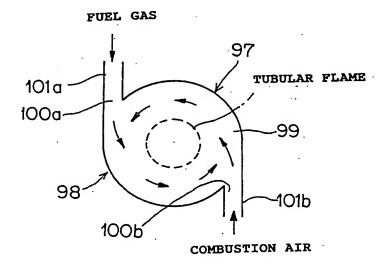
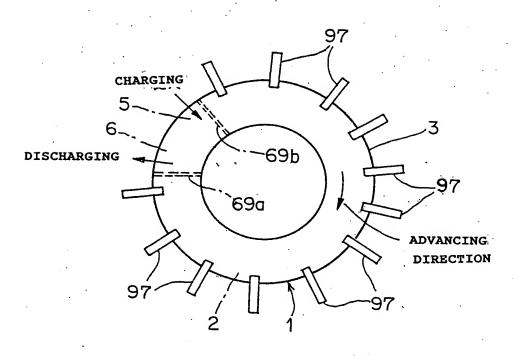


FIG. 51



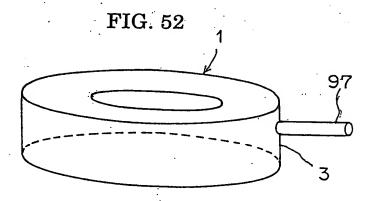


FIG. 53

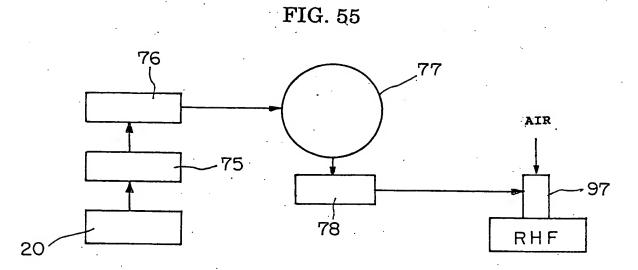


FIG. 62

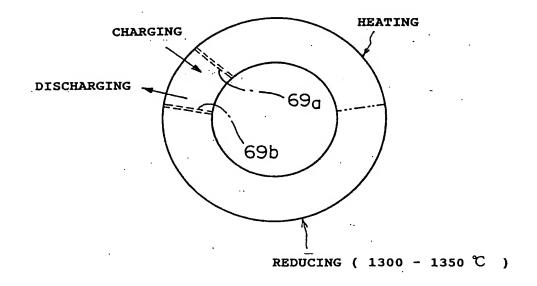


FIG. 56

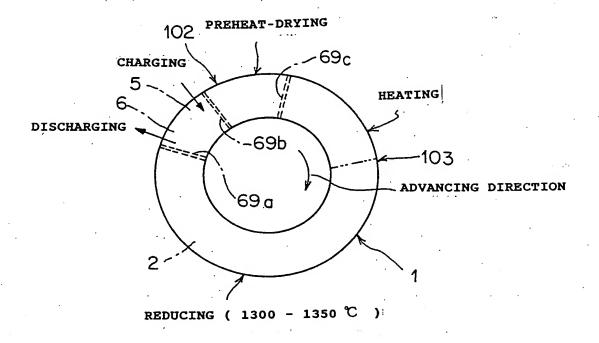


FIG. 57

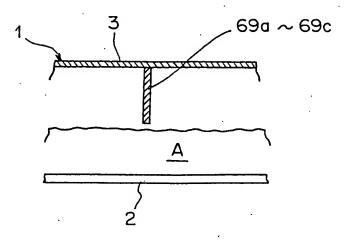
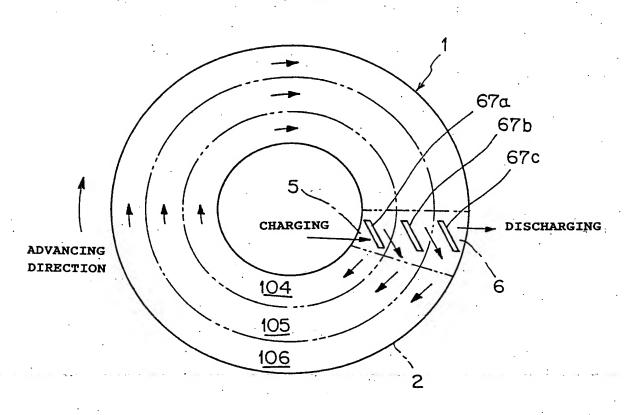


FIG. 58



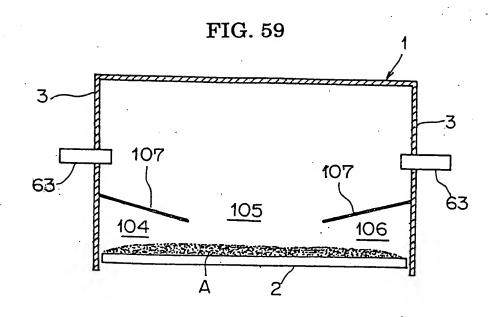


FIG. 60

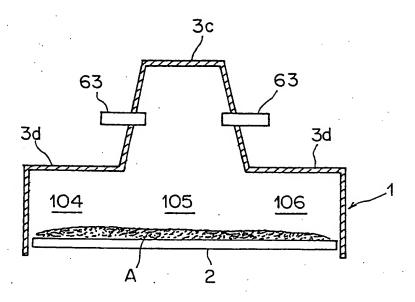
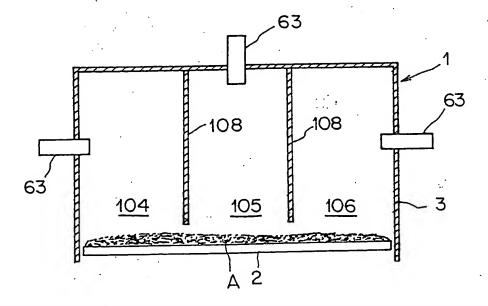
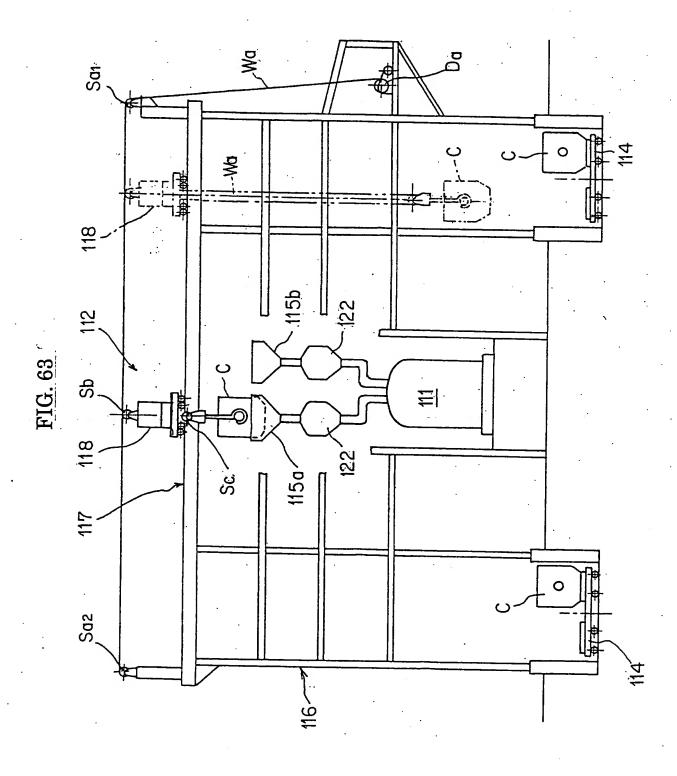
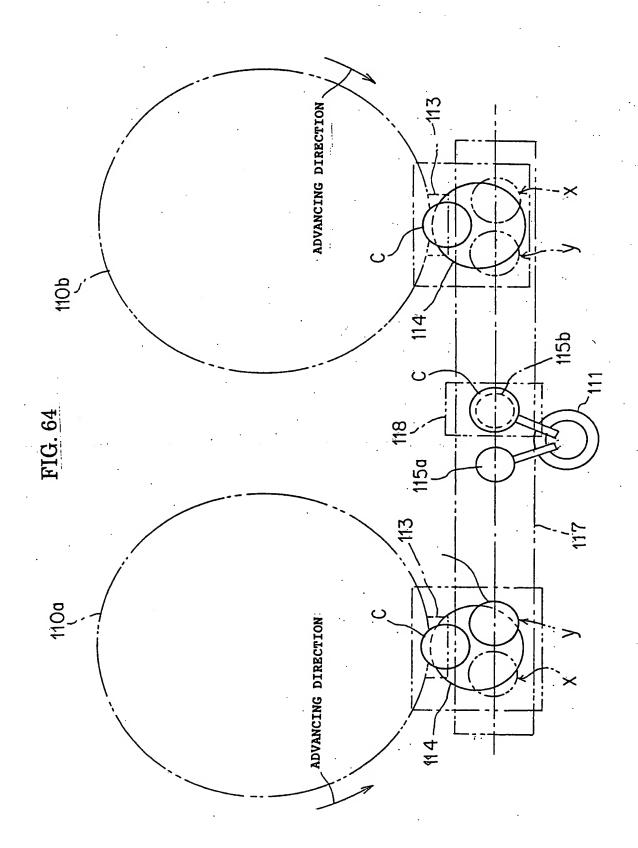


FIG. 61







HUBEZOZ NOBE

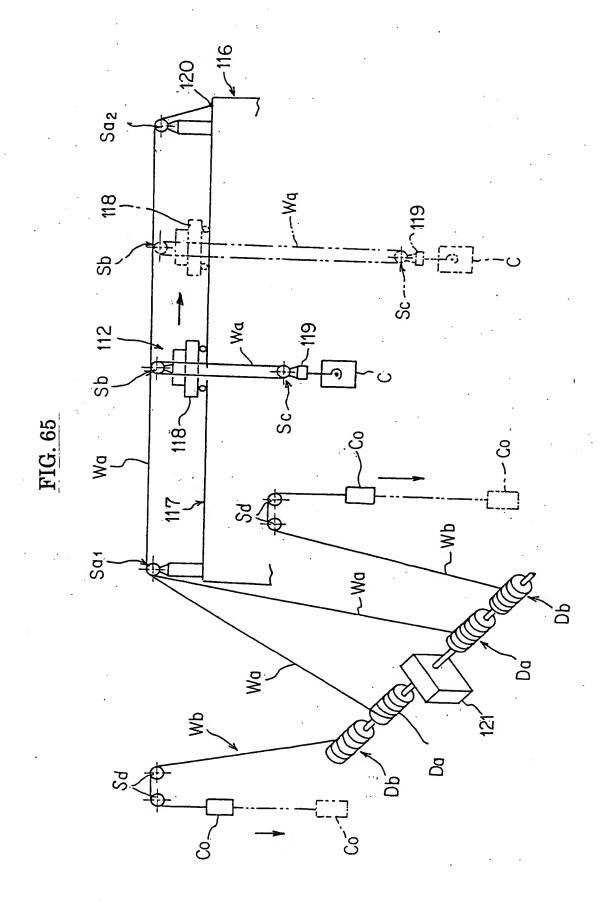


FIG. 66

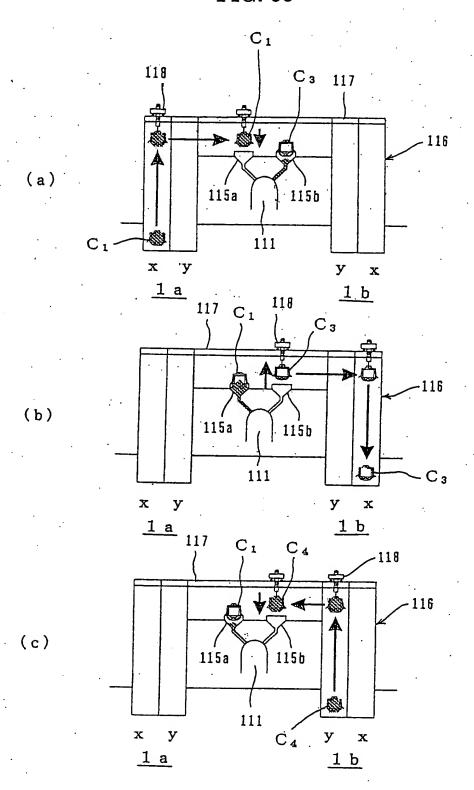


FIG. 67

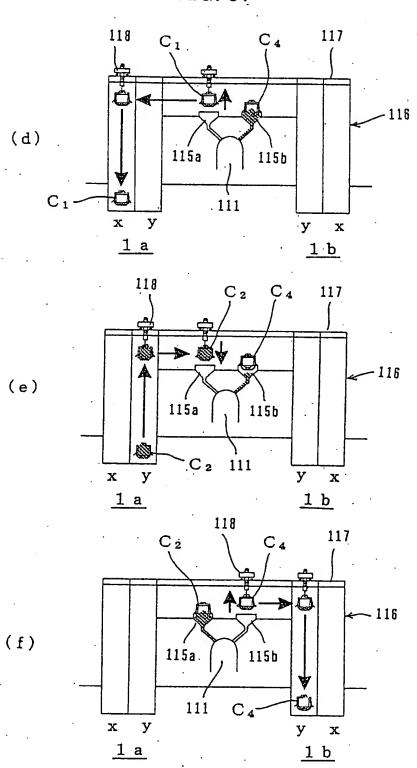


FIG. 68

